

19970616.qrp qrp-por0.758
>From owner-qrp-l@Lehigh.EDU Sun Jun 15 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6/A-UX-3.0.1) with ESMTP id SAA01871
> for <shimshon@uro.theporch.com>; Sun, 15 Jun 1997 18:03:56 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA07635
> for <shimshon@theporch.com>; Sun, 15 Jun 1997 23:03:50 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<35026-23640>; Sun, 15 Jun 1997 19:03:20 -0400
>Date: Sun, 15 Jun 1997 19:03:06 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 758
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jun15.190320edt.35026-23640+83@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 758

Topics covered in this issue include:

- 1) [21340] QRP for sale by W4LJD
by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 2) [21341] FS: Icom 2m HT, MFJ-931
by AE0Q V31RY <v31ry@ix.netcom.com>
- 3) [21342] NJQRP FD Plans
by "Heron, George" <G.Heron@dialogic.com>
- 4) [21343] still looking - HT750/6m QRP
by nskousen@scientech.com (Niel Skousen)
- 5) [21344] ATTENUATOR
by kc4mhm@juno.com (ed miller)
- 6) [21345] CW Keyboards
by gsurrency@juno.com (Gary L Surrency)
- 7) [21346] 50-40-30 from Georgia
by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 8) [21347] Re: ARRL's QST Back Issues on CD-ROM
by "Alan Slusher" <slusher@sunbeach.net>
- 9) [21348] Re: Loop Skywire for QRP?
by "Stephen R. Yates" <aa5tb@swbell.net>
- 10) [21349] Re: country ID help
by "Stephen R. Yates" <aa5tb@swbell.net>
- 11) [21350] QRP Show and Tell in MD
by Mike Czuhajewski <wa8mcq@u1.abs.net>

- 12) [21351] QRPp on 670nm!
by Dave Fifield <fifield@pacbell.net>
- 13) [21352] RE Build Your Own Intelligent...
by tedk4mkx@nmaa.org (Edward Beach)
- 14) [21353] Any Update on Dan's Centennial 75M SSB Xcvr???
by Jim Dolson <dolsonj@ix.netcom.com>
- 15) [21354] QRP Forum
by K4NK@aol.com
- 16) [21355] Re: Loop Skywire for QRP?
by Walter Dufrain <dufrain@gte.net>
- 17) [21356] Re: Any Update on Dan's Centennial 75M SSB Xcvr???
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 18) [21357] Re: RE Build Your Own Intelligent...
by Brian Chesire <BCChesire@worldnet.att.net>
- 19) [21358] GM-20 Case
by Bensondj@aol.com
- 20) [21359] Wanted To Buy
by N5JI@aol.com
- 21) [21360] Notes on the ARG0 556
by mdwatt@usit.net (Marty Watt)
- 22) [21361] FS: MFJ-949D Deluxe Versa Tuner II
by Jim Dolson <dolsonj@ix.netcom.com>
- 23) [21362] ARRL Technical Info Server
by n4so@juno.com
- 24) [21363] HW8 Toroids
by n4js@amsat.org
- 25) [21364] Rainbows keep rolling along!
by Joe Everhart <n2cx@voicenet.com>
- 26) [21365] Index contact number please
by k8cv@juno.com (Walt D Amos)
- 27) [21366] CW Keyboards
by gsurrency@juno.com (Gary L Surrency)
- 28) [21367] HW8 working well
by n4js@amsat.org
- 29) [21368] Rainbow Tuner
by Michael Vines <mvines@pacbell.net>
- 30) [21369] Re: QRPp on 670nm!
by WD6BOR@aol.com
- 31) [21370] Dan's New On Line Catalog
by Jerry Parker <jparker@fix.net>
- 32) [21371] First Announcement for the JULY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 33) [21372] SST UPDATE
by kc4mhm@juno.com (ed miller)
- 34) [21373] Re: SUMMARY 24 hr Clock Survey (Longer than Planned)
by mdwatt@usit.net (Marty Watt)
- 35) [21374] MFJ-418 Review [long]
by adams@chuck.dallas.sgi.com (Chuck Adams)

36) [21375] FS Ten Tec Scout
by Dennis Rieger <kk5db@worldnet.att.net>

Date: Sat, 14 Jun 1997 19:02:05 -0400 (EDT)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-1@Lehigh.EDU>
Subject: [21340] QRP for sale by W4LJD
Message-ID: <Pine.BSI.3.93.970614190125.26872B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Frank Brumbaugh, W4LJD (ex-KB4ZGC, frequent contributor to the Idea Exchange column in the QRP Quarterly) asked me to have this ad placed in the QRP Quarterly and asked that it also be placed on the Internet. Since the latest issue is already at the printers, qrp-1 is by far the best way to do this--should get these things sold within hours instead of months :-)

Here's the address to write to; he is not on e-mail.

Frank Brumbaugh W4LJD
P O Box 30
c/o Defendini
Salinas, PR 00751

(The box number is for a Mr. Defendini who is the landlord of a lot of property and allows some of his clients to use the box, as long as his name is mentioned in the address. And in case anyone is wondering, Puerto Rico IS part of the US mail system.)

FOR SALE Ten-Tec Scout 555, desk mike, hand mike, band modules for 80, 40, 30, 20, 17, 15, 10 meters. \$450 or best offer. You pay shipping. Postal money order only.

FOR SALE Integrated 20 meter CW/SSB QRP station with MFJ 9420 SSB/CW transceiver with mike and CW adapter, 3 amp regulated and metered power supply, keyer, SCAF filters 100 to 2400 Hz, MFJ 971 antenna tuner, wattmeter, dummy load, etc. See 73 magazine December 1995 page 10. \$300 or best offer, You pay shipping. Postal money order only.

All equipment with manuals, cables, in excellent condition.

Disclaimer--I get no cut from the profits and have no interest in this deal. I'm just passing it along as a request from one of my frequent article contributors. Also, I typed this in the best I could but can't

guarantee there are no significant typos. If you write to him, please verify the exact terms and conditions and items included, to be safe.

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

Date: Sat, 14 Jun 1997 17:36:08 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [21341] FS: Icom 2m HT, MFJ-931
Message-ID: <2.2.16.19970614233608.358f3ac8@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale:

Icom 2-meter HT, IC-2AT, 2w out. Includes Icom speaker-mic; Alkaline-battery pack with DC-regulator insert; stock battery pack and wall-charger; manual/box; rubber-duck antenna; Bianchi leather 'holster' (heavy-duty case) for radio.

\$135 shipped

For Sale: MFJ-941 Artificial RF Ground. Tunes counterpoise wire(s) to allow HF transmitting with unbalanced antennas (verticals or coax-fed dipoles) from 2nd story rooms or places without an optimum RF ground. Helps keep RF off your station equipment chassis and out of TNC or PC. Has INDUCTANCE and CAPACITANCE tuning controls, and RF GROUND CURRENT meter. NEW in box.

\$45

If interested please reply by direct e-mail.

73 Glenn (Denver, CO)

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Sat, 14 Jun 1997 19:47:15 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>, "'bill@techline.com'" <bill@techline.com>
Subject: [21342] NJQRP FD Plans
Message-ID:
<c=US%a=_%p=Dialogic%l=EXCHANGE1NJ-970614234715Z-1155@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Bill -

I don't know if you are still collecting FD plans from QRP clubs, but I thought I'd let you know about our NJQRP event.

WHERE: At 1,562 feet ASL at the crest of a mountain along the Appalachian Trail in the Delaware Water Gap, NJ

CALL: N2CX

OPS: N2CX, N2APB, KA5DVS, W2DP, N2TNN, KC2AHB, K3HW, N2SMH

DETAILS: See NJQRP featured item for FD Operation at
<http://www.njqrp.org>

For the NJQRP...

--George N2APB
g.heron@dialogic.com

Date: Sat, 14 Jun 1997 18:47:04 -0600
From: nsksousen@scientechn.com (Niel Skousen)
To: qrp-l@Lehigh.EDU
Subject: [21343] still looking - HT750/6m QRP
Message-ID: <v01510100afc8eb8898ce@[205.180.127.107]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Will be in Denver till July ... :-(

Still looking for QRP 6m rig (HT-750 / AEA etc) to try out 6m QRP from the Hotel....

TNX Niel

Date: Sat, 14 Jun 1997 20:53:49 EDT
From: kc4mhm@juno.com (ed miller)
To: qrp-1@Lehigh.EDU
Subject: [21344] ATTENUATOR
Message-ID: <19970603.135838.4223.1.KC4MHM@juno.com>

Dear QRP Gang:

Went to a hamfest today and got a TELONIC attenuator model TG9050. All seems well with it but there is only one resistor between the switches. The resistor is a carbon type and most have a groove cut in them as if to adjust the value. It is not the pi-attenuator I am familiar with. Is the altering of the resistors normal practice or has some homebrewer been in it? Being it is not the pi-type do I have something other than a 50 ohm attenuator? Will take it to work tomorrow and see if it can be checked out, but any hints you may have will be appreciated.

73 de Ed

KC4MHM@juno.com

Date: Sat, 14 Jun 1997 18:31:16 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [21345] CW Keyboards
Message-ID: <19970614.183213.9862.1.gsurrency@juno.com>

Hi gang.

I'm thinking of getting a new CW keyboard to replace the old one I built many years ago from an article in QST.

If anyone has any comments on the keyboard they are using, I would like some input. I am looking at the ones that MFJ has, the MFJ-452 and MFJ-498. It looks like the '452 will do all I need, the '498 just has a lot more memory capacity. Yes, I would like to have the Heath HD-8999, but I was inactive when Heath was selling these and they seem to be as

scarce as hen's teeth.

Any input on your experiences with these keyboards, or any other keyboard would be welcome. I'm interested in things like any RFI from the keyboard interface or the keyboard itself; sidetone quality; power demand; ease of use; etc., etc. I have downloaded the manuals on the MFJ's from their website to study. MFJ is adding the manuals to their web page, and they already have quite a few completed. If you haven't checked their URL, you should. There is a lot of info there, and an interesting history of the company as well.

And yes, I do use a paddle and conventional keyer a lot. I just like a keyboard when my hand is tired or aches from over activity. I had some surgery a few years ago to fix a ganglia in the thumb and wrist, and it flares up now and then. Like, after winding a bunch of toroids! :-(

Plus, I don't take the keyboard on camping trips. All my rigs have nice built -in keyers. The keyboard is a relaxing way to enjoy CW.

Thanks in advance for any observations and info.

72,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

Date: Sat, 14 Jun 1997 21:58:48 -0400
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: "QRP Group" <qrp-l@Lehigh.EDU>
Subject: [21346] 50-40-30 from Georgia
Message-ID: <19970615015926.AAA18902@pentium>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

I will be on Tuesday night 17 June (local date) from Warner Robins, Georgia.

2000-2200 EDT (0000-0200 UTC Wed, 18 Jun) at 10.115 +/-

2200-2400 EDT (0200-0400 UTC Wed, 18 Jun) at 7.040 +/-

I will call CQ WAS QRP de K4JPN. Exchange CALLSIGN, RST, SPC, NAME AND POWER.

I hope to work a bunch of you if the Georgia Thunderstorms arn't to bad.

73/72

Steve K4JPN

Date: Sat, 14 Jun 1997 21:58:36 -0300
From: "Alan Slusher" <slusher@sunbeach.net>
To: "Frank" <frank001@postoffice.worldnet.att.net>
Cc: <qrp-l@Lehigh.EDU>, <mtracy@arrl.org>
Subject: [21347] Re: ARRL's QST Back Issues on CD-ROM
Message-ID: <01024287534713@sunbeach.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all who offered suggestions.

It turns out that the QST cd-rom installation programme creates a file in a temporary subdirectory called ~ssetup, which it is supposed to delete (both file and subdirectory) at the end of the process. Some of the installation programmes on the cd-rom sets apparently work properly and eliminate the file and folder, while some don't. If the warning appears during the installation process for one of the QST sets

```
>>  
> > Warning  
> > c:\windows\~ssetup directory already exists. Would you like to delete  
it?  
> > Yes/No
```

access the subdirectory (\~ssetup) using the Windows Explorer, and drag the single file in it to the trashbasket. If the message reappears immediately, trash the ~ssetup folder as well.

The QRP-L saves the day again! Everything is now up and running.

Thanks, guys.

72/73 Alan 8P9BM

Date: Sat, 14 Jun 1997 22:27:58 -0500
From: "Stephen R. Yates" <aa5tb@swbell.net>
To: qrp-1@Lehigh.EDU
Subject: [21348] Re: Loop Skywire for QRP?
Message-ID: <33A3613E.F13@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JFKluender@aol.com wrote:

>
> Fellow QRP'ers,
>
> I am moving into a house the end of July and am looking forward to
> finally getting seriously on the air again! I have been nearly inactive,
> other than 2m, for nearly 7 years while in college.
> Does anyone out there have any knowledge or opinions of the Loop Skywire
> antenna? This antenna is described in the ARRL Handbook as being a great
> multiband performer. I am thinking about building the 80M version which will
> work well on the ham bands between 3.5 & 30 Mhz, so the review claims.
> For those who don't know, it is a loop of wire 1 wavelength long on the
> lowest frequency you want to operate (3.5 MHz, in this case). You arrange it
> in a horizontal loop, as high as possible, with the loop containing as much
> area as possible (a circle would be ideal). You can feed it with either coax
> or open line (I intend to use open line, for power loss considerations) The
> antenna will operate on it's design frequency, and all harmonics.
> Any thoughts, comments?
>
> Joel, NF9K

Joel,

I haven't ever used that kind of antenna but given the description in the ARRL Antenna Book and the way you plan to use it, I think it will perform well for you with your use of open wire line. I suspect that the antenna pattern may become complex at the higher frequencies with nulls where you may not want them. I am skeptical about some of the technical claims made in the book about the loop skywire that seem to contradict antenna theory, but if it works, it works! If you have the real estate, go for it. I would like to hear of a comparison between the loop skywire and say, a resonant dipole cut for the same operating frequency and at the same height. Good luck.

Steve, AA5TB

Date: Sat, 14 Jun 1997 22:35:32 -0500
From: "Stephen R. Yates" <aa5tb@swbell.net>
To: qrp-l@Lehigh.EDU
Subject: [21349] Re: country ID help
Message-ID: <33A36304.179F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel Malman wrote:

>
> Folks,
>
> I worked 4N0S on 30 meters last night and did not think much about the QSO
> or his country and just put Yugoslavia in the logbook. This morning, while
> looking over the log, getting ready to send out some QSL's, I started to
> wonder about the 4N0 prefix. Turns out that it's not listed in my ARRL book
> or in the ITU Callsign prefix list.
>
> He said his QSL manager is YU7JDE so I suppose I can just send in a QSL and
> eventually find out! My guess is that it is either Yugoslavia or Bosnia.
>
> Anyone know?
>
> /joel wa1qvm (malman@bbn.com ... Concord, Ma.)
> WIMPS: Qs=159 30m=145 17m=13 12m=01 States=24/04/00 DX=046/09/01

Joel,

If it's any help, I have found an ITU listing that says 4NA through
40Z belong to Yugoslavia as well as YTA through YUZ.

73,

Steve, AA5TB

Date: Sat, 14 Jun 1997 23:48:05 -0400 (EDT)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.EDU>
Subject: [21350] QRP Show and Tell in MD
Message-ID: <Pine.BSI.3.93.970614233346.2597D-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim Reid, KD3S, was usually the one responsible for our previous QRP Show
and Tells at Md. Radio Center in Laurel, MD. We'd be burned out, then
he'd suggest we have another one, and we did.....many times. It's been

well over a year since they moved to their new location, about a mile from the old one, much smaller and nowhere to hold QRP shows anymore. However, Jim felt he needed another "fix" and suggested one, so we're going to do it. Not having any room in the new, much smaller store, we'll do it outside in front--and have the air conditioned store to retreat to when the heat gets to us!

We picked a date of 5 July for the QRP Show and Tell, a Saturday. We'll start when the store opens at 1000 and run for a couple of hours. (There may be some stragglers remaining after that.) As usual, bring anything QRP or homebrew that you want to show off, or just come emptyhanded and talk QRP for a while.

The new store isn't too far from the old one, and out on the main street instead of tucked away behind an Acura dealer. It's now right on MD Route 198, just off the Baltimore Washington Parkway. To get there from the Parkway, get off onto 198 in the direction of Laurel, going away from Fort Meade. Go past the stoplight at the Roy Rogers, and it's on the corner at the next light, just past the Popeyes chicken place. It shares the same building as a lounge called CJ's Tavern or some such, and the "driveway" entrance is a bit before the stoplight. If you're coming out 198 from the direction of Laurel, you have to go past MRC to the light by the Roy Rogers, do a U-turn if allowed, or otherwise get going back toward town on that side of the median. And if you go one light too far back into town, you'll see a Shell station on the corner; that's your clue to do another U-turn back toward the Parkway and the Roy Rogers and start all over :-)

Not too sure how we'll do things since Jerry of MRC doesn't have any extra tables now. Bring your own foldup tables and chairs if you have some. Most of us will probably just work out of our car trunks :-) And we may not be in front of the store, either; we may be in the back, if Jerry decides he needs the space up front for "paying customers" :-)

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

Date: Sun, 15 Jun 1997 09:32:21 -0700
From: Dave Fifield <fifield@pacbell.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [21351] QRPp on 670nm!
Message-ID: <33A41915.2EE9@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well folks,

I thought you may be interested to hear about my latest foray into the fringes of QRP operation -- this is definately NOT your normal H.F. QRP CW stuff -- read on....

I just got back from making my first and second contacts on the 670nm band with Walt, AJ6T - I rovered from CM97 and CM87 to give him 2 grids for the VHF/UHF contest. First contact was about 11 miles and the second was about 20.5 miles.

My TX - about 2mW MCW at approx 450 THz, no antenna (coherent light doesn't need one!)

My RX - 8.5 x 11 inch fresnel lens feeding an OPT210 photodiode/amp into an LM380N audio amp.

We used 1 million candle power handheld halogen spotlamps to find each other initially (definately not QRP, but they save a whole ton of time wondering which direction to look in) then used the az/el adjusters (VERY fine) built into our laser rig set-ups to align the TX and RX pairs.

Signals, when you are pointed just right, are 599 normally. We had a bit of trouble with gusty wind blowing our cheapo tripods about, so made do with 449/559 reports. We used 144MHz SSB (QRP I hasten to add!) as a coordination channel. The two contacts took about an hour each to complete - most of the time is spent aligning the lasers, once this is done, the CW QSO is over in a minute!

Boy this stuff is FUN! I'll bring the rig along to the next Norcal meeting and try to persuade Jerry Parker to put a piccy of it up on the Norcal www page for your amusement.

Just think how far I could go with a whole 5 Watts of laser power.... :-)

72, Dave AD6AY

Date: Sun, 15 Jun 1997 08:45:40 -0700
From: tedk4mkx@nmaa.org (Edward Beach)
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: beache@juno.com

Subject: [21352] RE Build Your Own Intelligent...
Message-ID: <33A40E24.2AEF@nmaa.org>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----C8713853312"

This is a multi-part message in MIME format.

-----C8713853312
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The attached may be of interest to those who have been going on about the Randy Henderson book on building a Transceiver. The posting has been delayed as I am not listed on qrp-l at my JUNO address :-) Sorry.

-----C8713853312
Content-Type: text/plain; charset=us-ascii; name="RANDY1.TXT"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="RANDY1.TXT"

From: beache
Full-Name: Edward B Beach
To: dub@oklahoma.net
Fcc: Sent
Date: Thu, 12 Jun 1997 18:28:40
Subject: Randy Henderson
Message-ID: <19970612.182753.2207.0.beache@juno.com>
X-Status: Sent
X-Mailer: Juno 1.38

Hi!

I'm Ted Beach, K4MKX, and have been reading the qrp-l list. On this list, they discuss a book by Randy Henderson called "Build your Own Intelligent Amateur Radio Transceiver" [a Tab book available through Barnes and Noble]. Your name is mentioned in the acknowledgements as a person who gave 'computer related advice'. Unfortunately, nowhere is it indicated that Randy is a Ham, and if so what is his call. I looked up the three hams indicated in the acknowledgements of the book in the QRZ database, and you are the only one with an e-mail address. There appears to be a lot of interest in communicating with Randy, but one does not really want to go through Tab books. Could you help, Dub? What is Randy's call [if he is or was licensed]? does he have an e-mail address? Any and all help would be appreciated.

72,73 de Ted - K4MKX

From: "j.w. thornton" <dub@oklahoma.net>

To: beache@juno.com (Edward B Beach)

Date: Fri, 13 Jun 1997 16:23:30 -0500

Subject: Re: Randy Henderson

Message-ID: <3.0.32.19970613132628.00ce8d38@okc.oklahoma.net>

X-Status: Forwarded

X-Mailer: Windows Eudora Pro Version 3.0 (32)

Hey Ted: I talked on the phone with Randy a coupla days ago, telling him his book was stirring up quite a bit of interest on the QRP-L. He was tickled, of course. His call was left off by the publishers, and Randy did not catch it until it was too late. He is WI5W. At this time he is not online, tho that may change. I told him about Juno, just for email, if he did not wish to get a full service providor, and perhaps we can get something going along those lines. He would not be able to handle the volume of mail from QRP-L with Juno, but at least could correspond with interested parties, and perhaps clear up any questions they may have.

My acknowledgement in Randy's book was an unexpected surprise, but a very pleasant one. "72"

Dub WA5YFY

J. W. (Dub) Thornton

QRP-L # 159

ARCI #6982

NW QRP # 427

Minco, Okla. 73059

-----C8713853312--

Date: Sun, 15 Jun 1997 08:51:40 -0400

From: Jim Dolson <dolsonj@ix.netcom.com>

To: qrp-l@Lehigh.EDU

Subject: [21353] Any Update on Dan's Centennial 75M SSB Xcvr???

Message-ID: <33A3E55C.4249@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Does anyone have any comments on Dan's 75M SSB xcvr? There were quite a few purchased recently. If you have one, how is it going???

Jim
wb8bzd
dolsonj@ix.netcom.com

Date: Sun, 15 Jun 1997 09:02:09 -0400 (EDT)
From: K4NK@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21354] QRP Forum
Message-ID: <970615090208_-1496503573@emout06.mail.aol.com>

Hey Gang...

For those of you that can make it there will be a QRP forum at the Atlanta Hamfest this next weekend June 21,22. On sat. the 21st the No. Ga. QRP group will have a QRP forum. I am trying to organize a upstate S.C. Qrp group and this would be a great time to get togeather. See you there.

73 Les K4NK
Greenville, S.C.

Date: Sun, 15 Jun 1997 08:30:16 -0500
From: Walter Dufrain <dufrain@gte.net>
To: Walter Dufrain <dufrain@gte.net>
Cc: JFKluender@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21355] Re: Loop Skywire for QRP?
Message-ID: <33A3EE68.2E9F@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Joel and all....you didnt mention yard size but I like to double the size for the lowest operating band, it gives more gain and a lower takeoff angle. For the regular skywire below 30 feet the $984/f \text{ MHz} = \text{size}$, and above 30 ft $1005/f \text{ MHz} = \text{size}$ seems to work very well. Please feed at a corner with openwire/ladderline then to a tuner, or if needed terminate with a 4:1 balun, then coax into the shack to the tuner.....keep the coax run short....you will have a low noise antenna on receive and very effective on transmit.
GL de Walter AG5P

Date: Sun, 15 Jun 1997 09:53:11 -0400 (EDT)
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
To: Jim Dolson <dolsonj@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21356] Re: Any Update on Dan's Centennial 75M SSB Xcvr???
Message-ID: <Pine.A32.3.93.970615093647.28482A-1000000@weyl.math.Virginia.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim,

I've been using the Centennial for several weeks now, checking into the Piedmont QCWA net (based in NC) on Sunday mornings, and the Virginia Fone Net twice each day. The antenna here is a dipole at 40+ feet. One net control station in the VFN told me I had audio as good as any he had heard (I'm using the RS amplified Power Mike).

Drawbacks you should be aware of (all to be expected with a simple NE602 rig): AM breakthrough may occur if the rig is used without some sort of preselector circuit (an antenna tuner works here); the rig does drift -- though not enough to interfere with casual SSB operation. The drift is, however, unacceptable for CW ragchewing.

I have not tried reducing the tuning range (a simple matter of changing a resistor) to see how much drift is reduced, because the rig is usable on CW for short contest-type exchanges. I used it for the recent Hootowl Sprint.

72, Ralph N7RI
Charlottesville VA

Date: Sun, 15 Jun 1997 06:50:09 -0700
From: Brian Chesire <BCChesire@worldnet.att.net>
To: tedk4mkx@nmaa.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21357] Re: RE Build Your Own Intelligent...
Message-ID: <33A3F311.143D@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy's call is WI5W, see articles in QST etc.

Date: Sun, 15 Jun 1997 11:51:43 -0400 (EDT)
From: Bensondj@aol.com
To: cnw@hiwaay.net, qrp-1@Lehigh.EDU
Subject: [21358] GM-20 Case
Message-ID: <970615115142_-462593954@emout12.mail.aol.com>

>>From: "Matt Wright, AE4JM" <cnw@HiWAAy.net>
>>Subject: [21335] GM-20 Case?

>Hey Gang,
>>I got the GM-20 put together about 2 months ago. I finally ordered the
>>case from Lansing through Mr. Benson. Well, I'm trying to get some ideas
>on how to mount the GM-20 board in the case. Did everyone use
>>screws to mount it or another technique?

Matt-

Screws are fine. You may use standoffs or nuts to space the board away from the bottom of the enclosure. Another possibility is brass ferrules, which look like they're used in compression fittings. The standoffs are available from the mail-order suppliers, the other items are available at hardware stores.

73, Dave- NN1G

Date: Sun, 15 Jun 1997 11:59:41 -0400 (EDT)
From: N5JI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21359] Wanted To Buy
Message-ID: <970615115941_321890257@emout12.mail.aol.com>

hi gang

i'm looking for a Ten Tec Argonaut II or possibly a Argosy. Anyone thinking about selling either please e-mail me direct.

tnx n5ji@aol.com murphy, tx.

Date: Sun, 15 Jun 1997 16:03:22 GMT
From: mdwatt@usit.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, tentec@contesting.com
Subject: [21360] Notes on the ARGO 556
Message-ID: <33a403c6.91689973@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sat, 14 Jun 1997 19:02:05 -0400 (EDT), Mike Czuhajewski
<wa8mcq@u1.abs.net> wrote:

>FOR SALE Ten-Tec Scout 555, desk mike, hand mike, band=20
>modules for 80, 40, 30, 20, 17, 15, 10 meters. \$450 or best offer. You=20
>pay shipping. Postal money order only.

This reminds me ...

I seem to recall a message that came across the ten-tec list
indicating production of the Argo 556 ceased last week. I'm cross
posting to ten-tec list to see what they say.

Hopefully this is a viscious rumour, or TenTec is focusing it's QRP
efforts in the direction of kits!

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

Date: Sun, 15 Jun 1997 12:08:39 -0400
From: Jim Dolson <dolsonj@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [21361] FS: MFJ-949D Deluxe Versa Tuner II
Message-ID: <33A41387.9B3@ix.netcom.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tunes balanced and unbalanced lines (open-line and coax), built-in dummy load, cross-needle power/swr meter; 30/300 watts; cosmetically very good condition (1/4"x1/2" section of paint missing on top). \$50 includes shipping by slow boat.

Jim
wb8zbd
dolsonj@ix.netcom.com

Date: Sun, 15 Jun 1997 12:17:56 EDT
From: n4so@juno.com
To: qrp-1@Lehigh.EDU
Subject: [21362] ARRL Technical Info Server
Message-ID: <19970615.121326.5215.28.N4S0@juno.com>

ARRL Technical Information Server
info@arrl.org

The Info Server is available for hundreds of text files related to general ham radio information questions, a few including QRP files. To use the server you must first get the index file to read what is available. To have user instructions and a handy index sent to you automatically, simply address an e-mail message to: info@arrl.org

Subject: leave blank

In the body of your message enter:

help
send index
quit

After you get the index, use the command:
send (filename) for any text files you want sent.

nnnn

Ken Brown , N4S0
QTH: Nr Mobile, AL
QRP-L #622
n4so@juno.com

Date: Sun, 15 Jun 1997 12:33:58 -0400 (EDT)
From: n4js@amsat.org
To: qrp-1@Lehigh.EDU
Subject: [21363] HW8 Toroids
Message-ID: <XFMail.970615123651.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Well, I just finished realigning the HW8 after replacing the 40M toroids. The originals had 24t. I had to go to 20t to get a good peak, but I now have 2.3 watts on 40. 1st contact w8CW0, who gave me a 599! I guess it works!

Thanks to all who told me about the toroid saturation thing. I wouldn't have thought of it without your input.

Sent at 12:36:51 on 15-Jun-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

Date: Sun, 15 Jun 1997 12:51:24 -0400 (EDT)
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [21364] Rainbows keep rolling along!
Message-ID: <199706151651.MAA08207@mail3.voicenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's about time for another Rainbow Tuner update.

The tally so far is about 400 kits sold. The number is a little rough since we have had a number of in-person sales to club members, at the NEQRP meeting and at Dayton. In fact out at the Hamvention we sold 17 kits to folks from all over! One fellow told us (tongue in cheek) that his main reason for travelling to Dayton from the Continent was to get his hands on a Rainbow! And the Rev. Dobbs, G3RJV took a dozen or so to re-sell in hamfests or

whatever they are called over there!

We also had a report that one of the guys out at DIS used his Rainbow on of the many wires strung up at the motel. While intended for half-wave wires, His was about 10 feet short of this (on 40 meters) and he said that it tuned up and worked fine.

We have 100+ more in the second build yet unsold and expect that they may soon be accounted for. I understand that Richard Fisher, KI6SN (an NJQRP member!) has written up the Rainbow Bridge and Tuner (Rainbow Tuner for short) in his QRP column in the July issue of Worldradio. So now there will be a new flurry of activity. In the Fall you might also see some articles on Rainbow applications and a tutorial in the QRP press.

Before too long the second build will be history so there has been some discussion about kitting up a third build. By now we have it down pat! The majority of the parts are off the shelf and we can react quickly if need be. So if you are interested in getting a Rainbow kit, get your order in before the July rush, but if you miss that, we will take care of you later. Orders go to George Heron N2APB and I will field technical questions.

Most info is available on the NJQRP web site at

www.njqrp.org

There have been no major problems to date. The worst was that R6, one of the resistors was the wrong value in some of the kits. Our vendor sent us 5.62 OHM resistors instead of 56.2 K! About 15 to 20 folks have alerted us to the wrong part value and we have sent them the correct part. A secondary problem is that there are two 1N34 germanium diodes in the kit that are somewhat fragile. There is a warning in the kit, but a couple of folks have broken them anyway. Radio Shack sells packs of 10 of them for under \$2.00 so local availability should be no problem.

Ordering info:

cost: \$25.00 + \$3.00 shipping (\$5.00 shipping outside US)

Make check or m.o. payable to George Heron

Orders go to:

George Heron, N2APB
45 Fieldstone Trail
Sparta, NJ 07871

Ordering questions:

g.heron@dialogic.com

Technical questions or parts problems:

n2cx@voicenet.com

General info:

<http://www.njqrp.org>

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhar@camden.lmco.com

home: n2cx@voicenet.com

Date: Sun, 15 Jun 1997 17:35:01 GMT
From: k8cv@juno.com (Walt D Amos)
To: qrp-1@Lehigh.EDU
Subject: [21365] Index contact number please
Message-ID: <19970615.174447.9886.4.k8cv@juno.com>

Hi all:

I need to contact Index labs as they have had my QRP ++ now about two months and on the regular number all I get is an answering machine. Does anyone know of another route to Bruce Franklin at Index?

Walt K8CV k8cv@juno.com

Date: Sun, 15 Jun 1997 10:59:06 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [21366] CW Keyboards

Message-ID: <19970615.110404.9894.2.gsurrency@juno.com>

Thanks to all who have submitted their impressions of various CW keyboards.

Some said the MFJ keyboards worked well, other said they had lots of trouble with theirs. Sounds like the familiar old quality control problem at MFJ.

Others suggested a couple of different manufacturers I had not heard of. I may contact them for additional info. AEA used to make one, but I don't know what has happened to that unit now.

Hal Devices used to make some of these things, but I haven't seen anything about their availability lately. Perhaps they still have some products left. I'll have to ask them.

I really prefer to use a stand alone unit, as I don't want the RF hash from my computer and monitor interfering with reception. And the extra power demand of computer + monitor is not desired. Besides, I don't leave my computer on all day, and who wants to wait for Windoze 95 to boot each time they get on the air? :-)

Again, thanks to all that responded with info on this topic. I really appreciate it, and will forward any info I obtain to those who are interested. In the meantime, I'll just keep plugging along with the old W4UX unit I built from July 1969 QST. That darn thing seems to run forever. I did build a TTL board that plugs into it to send CQ, DX, and DE AB7MY on three extra buttons.

72,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

Date: Sun, 15 Jun 1997 15:18:15 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Cc: k5rov@worldnet.att.net
Subject: [21367] HW8 working well
Message-ID: <XFMail.970615152706.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Got the old HW8 all aligned, with new toroids. Been making some contacts on 40M, in the WVA QSO party. Worked about 4 stations, all on the first call, and they all gave me 599! Not bad for a smidge over 2 watts. Just for the heck of it, I fired up the Argo 556, called a guy, with all of 5 watts....and got a 559 report!

Maybe the HW8 just SOUNDS louder?

Also, got the cases for my SSTs all nice and primed and painted. Green for the 30M and Blue for the 20M. I can't get over how SMALL they are, with all the stuff in them.

Finally, had been playing with the GM17. I STILL wasn't happy with the sensitivity. I started checking parts values. I found the 2 RF chokes, RFC1 and RFC2 were 22 microhenries instead of the called for 10 microhenries. These are at the input and output of the xtal filter. Not sure if that is the problem, but a quick note to Dave, and he is sending the 10 microhenry chokes. We'll see if that does the trick. It's not that it doesn't receive, it just doesn't seem right. Hard to explain.

Tomorrow, off on the boat for some more fishing and QRPing, afloat.

Sent at 15:27:06 on 15-Jun-97

```

      John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ _ | | _ | \ _ _ / | _ _ / QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00
```

Date: Sun, 15 Jun 1997 13:13:13 -0700 (PDT)
From: Michael Vines <mvines@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [21368] Rainbow Tuner
Message-ID: <2.2.16.19970615130923.1a0f2af4@pacbell.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Just finished assembly of the Rainbow Tuner for use with my 38Spl. Went together fine, but when I got to the DC power test, all the LEDs stay on instead of turning off.

I was able to tweek the tuner with the RF-1 down to 1:1 (with the 2K resistor at 10.12Mhz), but when I get to the bridge power test I apply +12v and the LEDs illuminate but don't go dark as indicated in the instructions. Several checks for correctly placed parts and solder shorts later, I'm stumped.

Has this happened to other Rainbow builders?

Also, the Figure 3 Diagram is a bit unclear as to the IN and Out of the bridge to the tuner section: the OUT (and its 6db bridge loss) is supposed to be bypassed during regular operation via a switch, not shorted to IN, right?

Mike, N6HVP

Date: Sun, 15 Jun 1997 17:19:50 -0400 (EDT)
From: WD6BOR@aol.com
To: fifield@pacbell.net, qrp-1@Lehigh.EDU
Subject: [21369] Re: QRPp on 670nm!
Message-ID: <970615171946_-1832029923@emout12.mail.aol.com>

In a message dated 97-06-15 08:19:03 EDT, fifield@pacbell.net (Dave Fifield) writes:

<<

I just got back from making my first and second contacts on the 670nm band with Walt, AJ6T - I roved from CM97 and CM87 to give him 2 grids for the VHF/UHF contest. First contact was about 11 miles and the second was about 20.5 miles.

>>

Dave has always been a leader in Norcal, pushing the technological edge and bringing some new project to the Norcal meetings before anyone else even thought of them. This is quite a quantum leap beyond the light wave digital communication used fifty years ago. If you remember the "Victory at Sea" series you'll remember the ship to ship "blinker" used then. Jam proof and impossible to intercept with anything other than a periscope in the line of sight. I'm looking forward to seeing this unique "rig" at the next Norcal meeting.

Darrel, WD6BOR

Date: Sun, 15 Jun 1997 15:10:48 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [21370] Dan's New On Line Catalog
Message-ID: <2.2.32.19970615221048.00895c98@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Great News.

Dan has a new on line catalog. His Catalog has been expanded and list many many more items than in the past. He also has many quantity purchase discounts listed.

Check it out.

<http://www.fix.net/dans.html>

Dan has announced that his on line Catalog will be in a continual state of change. This means he intends to update it on a regular basis reflecting the latest deals he has to offer and also to take off out of stock or discontinued items.

Dan is taking advantage of the Internet to quickly get his new offerings out to us.

The days are gone of having to wait for specials or next years catalog to get the

latest listing of goodies.

Enjoy,,,72,,,Jerry...K

Date: Sun, 15 Jun 97 15:34:41 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [21371] First Announcement for the JULY SPARTAN SPRINT
Message-ID: <199706152235.SAA69820@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The July Spartan Sprint will be held on July 7 (which is our standard date--the first Monday of the month). We'll operate on two bands--40 and 20. DON'T WORRY IF YOUR STATION IS A BIT TUBBY. WE COMMEND THE WINNERS IN TWO CATEGORIES--POINTS, AND POINTS PER POUND.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

We should have finished remodeling the automated contest reporting system by the July Sprint. You can get directly there with this URL:
http://www.natworld.com/ars/events/spartan/submit_spartan.html.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.
2. The frequencies will be 7040+- KHz and 14,060+- KHz. (You may operate one or two bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. You can take credit for working the same station on a second band.
6. To encourage QRPers to discover that there is life outside 40 meters, we'll give double points for contacts on 20 meters.

After the contest, send Russ Carpenter, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. As an alternative, you may use our automated contest reporting system at
http://www.natworld.com/ars/events/spartan/submit_spartan.html. If you get that information to Russ by Tuesday night, he will include your data in the contest results, which will be published on Thursday on the ARS web site and the QRP-L. Russ' email address is russ@natworld.com.

The Spartan Sprint is based on a simple but stimulating concept. We are

encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

<P>

ARS provides handsome certificates to the operators who achieve the top two scores in points, and points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager
russ@natworld.com

Date: Sun, 15 Jun 1997 18:45:43 EDT
From: kc4mhm@juno.com (ed miller)
To: qrp-l@Lehigh.EDU
Subject: [21372] SST UPDATE
Message-ID: <19970604.115040.4951.0.KC4MHM@juno.com>

Qrp Gang

Just finished the SST a little while ago. The only reason it took me 2 days was because I was interrupted by a hamfest; it's a shame when a project is delayed by looking for more projects. Any way the SST went together just like you expect it to, no parts left over, nothing to take apart and redo, just plug&play. Tune up was a snap with about 1.5 watts out. When I hooked to an outside antenna I heard VE5NN calling CQ & he came back on the first try. Earl was using a GM20 and we were having a nice QSO until ON4WC covered us up. It was nice to have the first QSO to be 2 way QRP, thanks Wayne and Bob for providing us with such a fine rig.

I normally don't work 20 meters very much but that is going to change now, hope to work an SST soon but right now I have to get a card

in the mail to Earl.

73 de Ed KC4MHM@junocom

Date: Sun, 15 Jun 1997 22:46:37 GMT
From: mdwatt@usit.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21373] Re: SUMMARY 24 hr Clock Survey (Longer than Planned)
Message-ID: <33a55f01.115040924@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 9 Jun 1997 15:06:00 -0500, Bob Tellefsen-CNSE97
<Bob_Tellefsen-CNSE97@email.mot.com> wrote:

>SUMMARY OF 24 HR CLOCK SURVEY

>

>I'll list each clock that was mentioned and any comments regarding it.

>Three Micronta clocks from Radio Shack:

>63-753B, 5/8" green digits, 9v battery backup, implies ac powered.

>>From Bill, WJ50

>

>63-761, 24 hr time and calendar, battery operated.

>>From Bill, WJ50

>

>63-884 Dual Timer, "large numbers", alarm clock and two countdown =
timers.

>>From Glenn, AE0Q

=46YI --

The 884 version is pretty compact, and is \$15.99. However, there is another version, a little larger, that has dual countdown timers. This version will also support 24 hour format. Cat No 63-898A, regular price is \$17.99, now on sale (at least mine was, locally) for \$10.99.

I bought two, one for UTC and one for Local time.

include(standard disclaimer)

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

-----  
Date: Sun, 15 Jun 1997 23:46:48 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [21374] MFJ-418 Review [long]  
Message-ID: <199706152246.XAA15897@chuck.dallas.sgi.com>

Gang,

You all know how it is. You spend the time, you drive/fly/walk/skate to the swapmeet, you pay the entry fee, and you bring some money and you have no choice but to find the items at the swapmeet that have your name on them. Been there done that.

I'm walking around HamCom and I've found a few things but nothing real big price wise. I see a dealer that has some new OHR stuff (not new to us, but new kits OHR100's and WM-2s for sale) and the MFJ stuff. He has a MFJ-418 Pocket Morse Code Tutor sitting there running through some QSOs at 25wpm using the speaker. Sounded nice and the dealer had it on sale for \$68 including tax. The list price is \$79.95 so not a bad deal and I just whip out the cash and I am the new owner of same.

I've had the thing a week now. I put in a 9V NiCad battery and it is still running after a large number of hours in the neighborhood of 15 or more hours. This is a 9V NiCad and not the 7.2V NiCad that a lot of people manufacturer. Also read the rest of this posting very carefully and figure out how I got a large number of hours and am still going on the same battery. It's so simple yet so elegant.

I assume that everyone on this groups reads. I assume that everyone on this group either subscribes to one or more Amateur Radio Magazines or aperiodically purchases one at a newsstand or radio store while shopping. If you don't, I don't see how you keep up with what's going on. Surely

you don't rely on the Internet for everything? :-) MFJ Enterprises, Inc. has been taking out full page ads on the Morse Code Tutor and in the ad they explain a lot of the features the little critter has. But let me save you some time in getting up from the terminal and running across the room/house to get an issue to look it up and especially for those at work:

Features (not all) of the MFJ-418 Morse Code Tutor ---

- o 10cm x 6cm x 3cm
- o weighs in at 5.0oz or 143gms with battery
- o 16 char x 2 row LCD measuring 6.8cm x 1.8cm inside dimensions
- o code speeds from 3wpm to 60wpm (see comments below)  
in some ads you will see a listing of 55wpm top speed, which is an error
- o three control buttons and a combo on/off switch with volume control
- o 1/8" (3.5mm) stereo headphone jack and internal speaker
- o 18 page manual with schematic

And in the area of menus and options

- o Letters
- o Numbers
- o Prosigns .,?/ <ar> <sk> <bt>
- o Prosigns ;:'"-\_ \$
- o Prosigns () <as> !% <error> <paragraph>
- o Callsigns
- o Words (from an internal memory of 500 words)
- o QSOs
- o Custom Character Set (you pick which letters to practice)
- o Custom Words
- o Letters Only
- o Numbers Only
- o Letters+Numbers
- o Code Test
- o Interactive Mode
- o New Play
- o Repeat Play
- o Overall Speed
- o Farnsworth On/Off and Speed
- o Tone (305, 335, 366, 396, 427, 457, 488, 518, 549, 579, 610, 640, 671, 701, 732, 762, 793, 823, 854, 884, 915, 945, 976, and 1006 Hz selections) :-) That outta be enough!!

OK, now if you have one of these things let me give you some hints and you can think of some more uses for the thing too. Listed here in random order and in no particular order of importance.

K5FO's helpful hints to better speed

1. Cover up page 11 of the manual. Do not use it and do not let anyone else see it. MFJ will be reprinting the manual for later sales with the didah etc. listings for the characters. Use only the sounds of the characters. Now if you want to know my one passion in teaching the Morse Code this is it. It is on the top of my list. People who play games with other peoples minds by sending messages and putting what they call morse messages in signature files with dots and dashes and such should be ashamed. One, you have ruined yourself from ever getting to high speeds and you will set others back. I hit the delete key immediately.

Morse is a language. It is like other languages a language of sound. It should be heard, not seen. So, if you or someone you know learned the code visually go back and start all over. You will save yourself a lot of time and grief. I want everyone to write to any publisher that puts dots and dashes anywhere and tell them to cease immediately.

2. If you are new to code or haven't even started here is the thing to do. Get the CDRoms from ARRL "Your Introduction to Morse Code" and start practicing 30 minutes a day. Don't skip a single day. Make a tape and put it in the car and listen to it on the way to and from work (assuming that you are alone or have others learning the code too). I have purchased all the tapes just about known to man. Give me a month to go through everyone and compare them. This was a lot of money spent for something that I didn't need. :- ) HRO in Sunnyvale should just love me, but they don't know me from Adam. :- )

When you are comfortable with the ARRL code course, buy the MFJ-418. Then practice 30 minutes everyday until you get to 60wpm. This will take some time. OK, a lot of time, but education is expensive.

Get on the air 30 minutes a day minimum after you get your license.

3. If you know the code well then practice with the QSOs. Doug Hendricks has one of these puppies and he is telling people to practice first at 35, then 30, and then 25wpm everyday. It will help.

My preference is to find the speed at which you can copy 100% or near perfect copy. Up the speed about 4 wpm and run it until you get about 80% or better. Then up it another 4 wpm. Repeat until you hit the 60wpm limit.

Get the Radio Shack or other Sony CD player module that lets you play the output from a portable CD player through the tape deck of your automobile. Cost \$20 plus sales tax. Use this to play the MFJ-418 on your car stereo on the way to and from work. Use the MINIMUM volume you need to hear the code.



Some people think that Morse Code has to be pounded into your head. No way. Save your ears. Use headphones at minimum volume at all other times. I have always used headphones and will always except under dire circumstances, like driving. Besides I think just about all states have laws against wearing headphones while driving. Thinking that you may be listening to KISS at 135dB and miss their sirens etc.

Using the interface listen to QSOs to and from work or random words. I prefer the QSOs. You will find yourself recognizing complete words like RIG, RST, NAME, QTH, etc. This is the same technique that the Jerry Ziliak tapes are using to get you to 35wpm.

4. If you can not touch type, then learn to do so.
5. If you type then try the following and this is the one thing that MFJ did right and didn't think about it. In fact it is THE most important feature of the MFJ-418 in my humble opinion (IMHO). It is the repeat play feature.

You can send code groups at 1 to 8 characters. Start at 1 letter per code group. Set code speed at say twice your current code speed. Set Farnsworth Menu to this figure and set the overall speed to say 10 wpm. Start up session and type each letter as you hear it and as soon as possible before the next letter gets there. Do for 50 to 80 characters. Stop the MFJ Morse Tutor using the stop button. Now use the repeat play mode and check your work. Grade yourself. When you get to 100% then move up the overall speed until it is 1/2 of the character speeds. This forces you to respond faster.

Now start over with 2 character code groups. Now do not type until both critters have sounded and before the next two sound. Do this at the lower speed you did with 1 character code groups. Again, practice until you get it almost perfect and increase your speeds until you feel comfortable at say 30wpm. You are learning to copy behind. Also you will become a lean mean code machine. The MFJ will space between the two characters too long, but it's better than nothing. I'd like to see the characters with regular spacing and then longer spacing. You can emulate this with the interactive mode but that eats up too much time.

Repeat the whole process over now with 3 character code groups. We are now talking about some serious time passage here like weeks and maybe even months. Do this until you get to 5 character code groups. You can now become a morse intercept operator.

Then consider doing calls. This will help you for FD, SS, DXCC tests, etc. Several years ago I bought a morse tutor from a company here in Dallas.

I did not review it as I did not like it. Anyone who generates random calls that are no where near being like those heard on the air are not helping. Ever work KHJ5JLM other than 11m?

The MFJ generates realistic calls and with the wave shaping of 5mS on rise and fall times you will not have thumps. At louder volumes I tend to hear a 3KHz or so tone with the regular tone. Don't know if that is just me or not.

I have a series of four tapes made from a series of records done by W3CVE, who was still listed in the callbook but has not replied to correspondence about his old course. I was in the process of redoing another series using DSP generation of thump free audio and computer generated manual, but MFJ has now outdated that project. :-)  
The course trains you to copy behind in a similar manner. I can recommend a series of practices like the above to do the same thing.

I still think that memorizing a tape is not a bad thing. I can still quote you a lot of stuff that I memorized in English courses over many years. You remember your favorite songs 'cuz you heard them many times. Same with words. But there won't be any memorizing with the MFJ. :-)

OK, let me stop here. I can write a lot more, but let me spare you. This is the hottest item on sale this year so far IMHO. If you are serious about increasing your code speed then by all means get one. Carry it everywhere. Get you a good pair of headphones. I have found that some will thump on you despite the shaping by the MFJ. Remember low volume at all times.

The schematic shows a 16C63 Pic with display and LM386 audio chip and 24C65 memory (I assume that means 65K). Rather simple but does the job nicely.

How does this relate to this group. Well, if you have had trouble with the 'blinding' code speeds of the foxhunts, then get an MFJ now and get ready before October. No excuses this year for not being ready. Same for SS or any other CW contest. Faster and faster until the thrill of speed over comes the fear of failure.

FYI

Any newsletter editor that wants to use this as an article, have at it and if you need more or a rewrite let me know.

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=033 30m=21 17m=5 12m=0 States=20/05/00 DX=03/00/00 QSLs=012

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Date: Sun, 15 Jun 1997 16:48:46 -0700  
From: Dennis Rieger <kk5db@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [21375] FS Ten Tec Scout  
Message-ID: <33A47F5E.6D0B@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

HI Gang,

I have a Ten Tec Scout for sale. It has the noise blanker, ALL band modules, microphone, 10 amp switching power supply, and mobile bracket. Price is \$650 US plus shipping.

72 Dennis KK5DB

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End of QRP-L Digest 758

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